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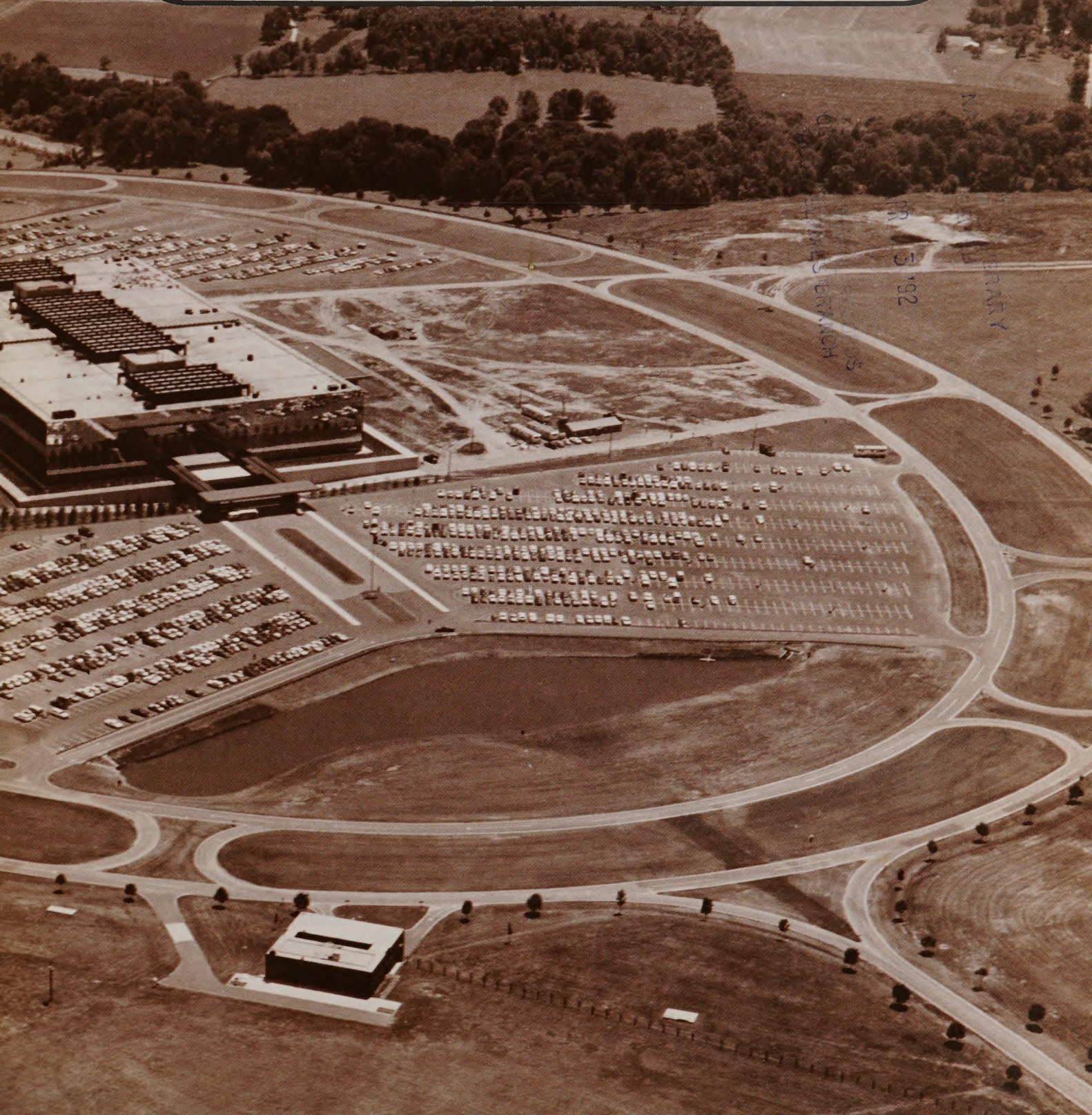
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REPORTS

AGRICULTURE • ECONOMICS

from USDA's Economics Agencies

Fall 1991

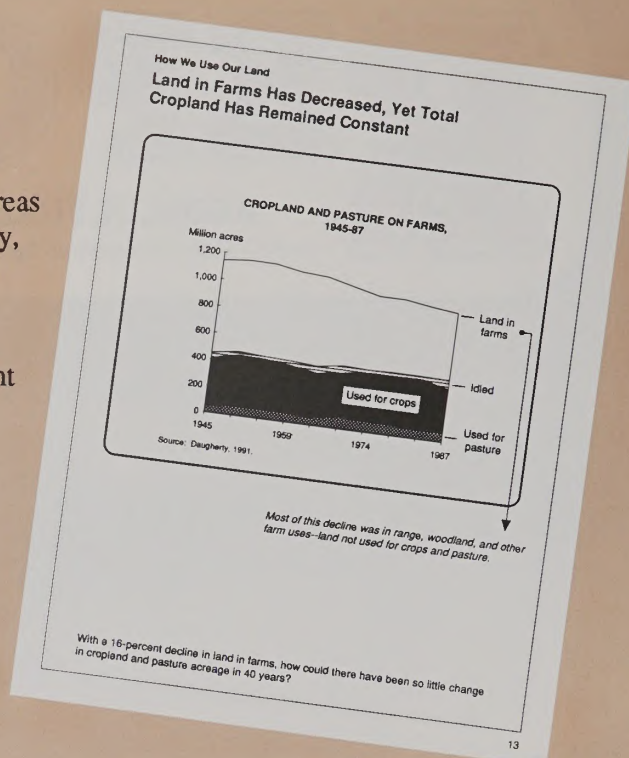
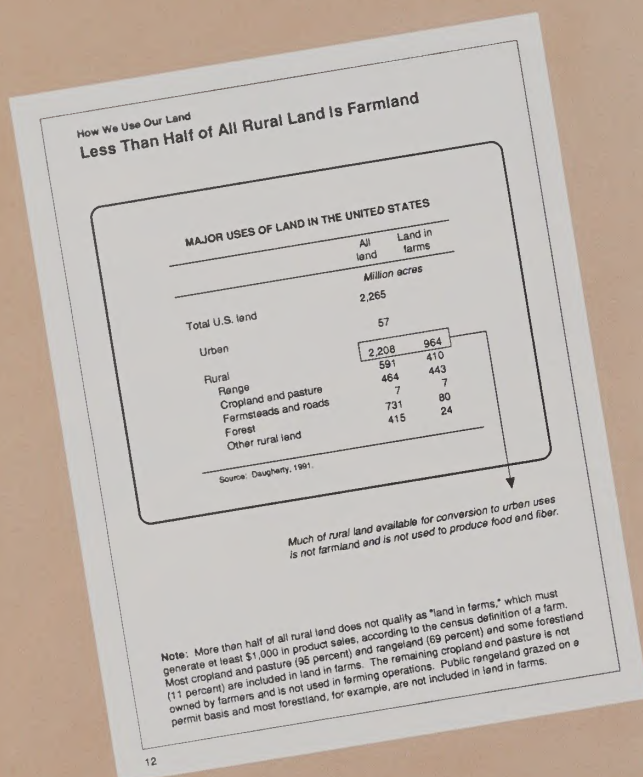


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Are we losing the Nation's farmland?

Urbanizing Farmland: Dynamics of Land Use Change in Fast-Growth Counties

Using the popular briefing book style, this report shows that urbanization is not paving over the Nation's rural areas any more than in the past. Despite claims to the contrary, the amount of U.S. rural land—and level of agricultural production—is not threatened by the present rate of urbanization. The amount of urban land increased 37 percent but cropland and pasture decreased just 4 percent in the fastest growing counties in the 1970's.

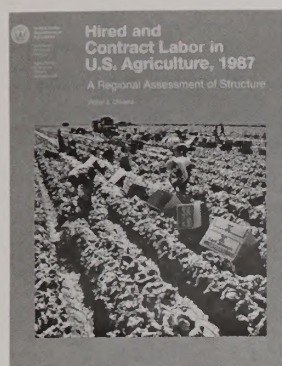


Get your copy of this timely report covering an issue vital to U.S. agriculture. Call our toll-free order desk at 1-800-999-6779. Order # AIB-629. \$8.00

Who we are

This catalog lists recent monographs, periodicals, data products, and video tapes available from USDA's economics agencies. **Economic Research Service (ERS)** outlook and situation reports and periodicals analyze the current situation and forecast market conditions. ERS monographs offer economic analysis in the areas of trade, production, rural development, farm inputs, and other topics. **National Agricultural Statistics Service (NASS)** publications estimate production, stocks, inventories, disposition, utilization, and prices of agricultural commodities, and such other items as labor and farm numbers. **The World Agricultural Outlook Board (WAOB)** issues regular forecasts of U.S. and world supply and demand prospects for major agricultural commodities.

New Monographs



Hired and Contract Labor in U.S. Agriculture, 1987: A Regional Assessment of Structure, by Victor J. Oliveira. 20 pp. May 1991.

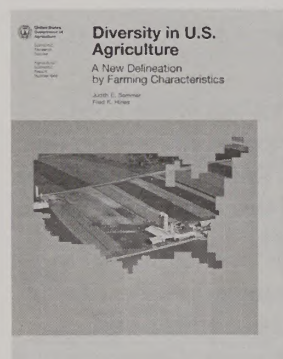
Finds that U.S. farmers spent almost \$13 billion on hired and contract labor in 1987, about 12 percent of total farm production expenses. Less than half of all U.S. farms had farm labor expenses, but they produced 84 percent of the total value of farm products.
Order # AER-648. \$8.00

Work and Poverty in Metro and Nonmetro Areas, by Elizabeth S. Morrisey. 19 pp. June 1991.

Discusses worker poverty rates, which were 10 percent in nonmetro areas in 1989, compared with 5.7 percent in metro areas. Limited employment opportunities, in terms of the number and kinds of jobs available to nonmetro workers, account for much of the higher nonmetro worker poverty rate. Individual, family, and employment attributes largely determine which workers will be poor.
Order # RDRR-81. \$8.00

The Effect of Food Stamps and Income on Household Food Expenditures, by J. William Levedahl. 27 pp. July 1991.

Reexamines past estimates of the effect of income and food stamp benefits on food expenditures. Demonstrates that the functional form of the food expenditure equation affects results previously reported. A cash-only Food Stamp Program would cut food spending by 10 percent, a much smaller reduction than found in previous studies.
Order # TB-1794. \$8.00



Diversity in U.S. Agriculture: A New Delineation by Farming Characteristics, by Judith E. Sommer and Fred K. Hines. 19 pp. July 1991.

Provides a starting point for assessing regional differences in the effects of alternative public policies on the farm sector. Cluster analysis of the Nation's 2,972 farm counties reveals 12 clusters that are relatively homogeneous in three dimensions: farm enterprise, farm resources, and farm-nonfarm linkages. Includes a multicolor map illustrating the diversity of crops grown in various U.S. counties.
Order # AER-646. \$8.00

Three reports on the U.S. food system—costs, structure, methods

Food Cost Review, 1990, by Denis Dunham. 50 pp. June 1991.

Finds that food prices, as measured by the Consumer Price Index, increased 5.8 percent in 1990, the same as the year before. Higher farm prices and charges for processing and distribution both contributed to the price increase. Prices farmers received for commodities, as measured by the farm value of USDA's market basket of foods, also rose 5.8 percent.
Order # AER-651. \$8.00

The Food Marketing System in 1990, by Anthony E. Gallo. 16 pp. August 1991.

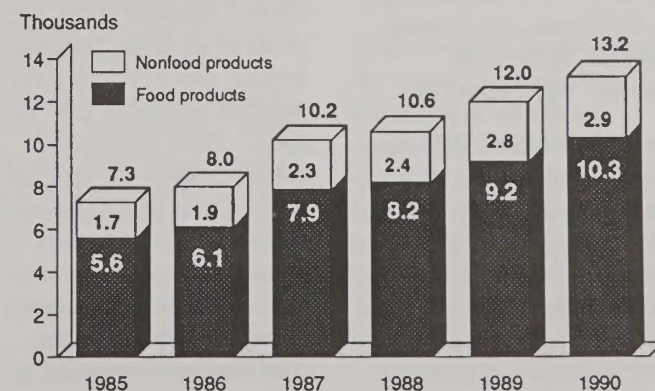
Looks at the food marketing system's strength of recent years, which held through 1990. Profitability from operations increased sharply, despite lower sales. The industry's strength was further shown by increased globalization in 1990, higher levels of new plant and equipment expenditures, and outstanding performance of common stock of food companies.
Order # AIB-632. \$4.00

The Food Marketing Revolution, 1950-90, by Alden C. Manchester. 8 pp. August 1991.

Since World War II, changes in population, lifestyle, income, and attitudes have significantly changed the food marketing system, from manufacturers to food service firms. This report looks at some of the changes: a boom in supermarkets that lasted through the mid-1960's, greater diversity among supermarkets (low prices versus greater variety of goods), fewer but larger wholesaling firms, growth in away-from-home eating, and internationalization of manufacturing.
Order # AIB-627. \$4.00

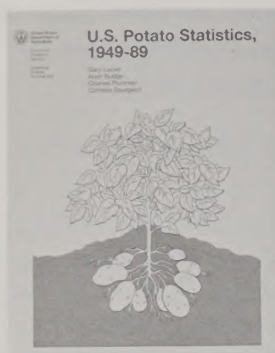
New grocery product introductions, 1985-90

New food product introductions rose about 10 percent between 1989 and 1990; nonfood products rose over 2 percent



Adapted from *The Food Marketing System in 1990*, AIB-632.

More New Monographs from ERS



U.S. Potato Statistics, 1949-89, by Gary Lucier. 140 pp. August 1991.

Presents detailed statistics on potatoes for 49 States and the Nation since 1949. Also includes world acreage and production since 1961. **Order # SB-829. \$11.00**

The data in this report are also available on diskette. See page 12 for more information.

Costs of Producing Grapefruit in California and Florida, 1988/89, by Boyd M. Buxton. 7 pp. July 1991.

Based on a March 1990 survey, total costs were \$6.82 for producing a 64-pound box of grapefruit in California and \$5.00 for an 85-pound box in Florida. The two States account for over 90 percent of domestic grapefruit production. **Order # AER-652. \$4.00**

Costs of Producing Oranges in California and Florida, 1988/89, by Boyd M. Buxton. 8 pp. June 1991.

Based on a March 1990 survey, total costs were \$7.29 for producing a 75-pound box of oranges in California and \$7.48 for a 90-pound box of oranges in Florida. The two States account for over 98 percent of domestic orange production. **Order # AER-650. \$4.00**

U.S. Sugar Statistical Compendium, by Luigi Angelo and others. 136 pp. August 1991.

Contains time-series data designed for use in monitoring and analyzing current developments and trends in the U.S. sugar industry. Most data series cover 1970-90 for the major components of production, domestic utilization, stocks, trade, and prices. **Order # SB-830. \$11.00**

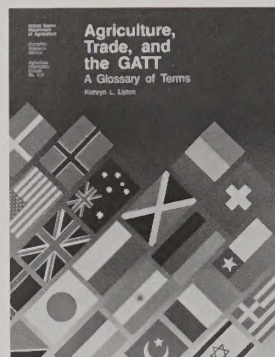
The data in this report are also available on diskette. See page 12 for more information.

Farm Sector Balance Sheet, Including Operator Households, 1960-89: United States and by State, by Kenneth Erickson and others. 211 pp. August 1991.

Furnishes the latest farm sector balance sheet estimates developed by ERS, incorporating numerous revisions in estimating procedures and changes in data in national and State-level estimates of assets, debt, and equity. **Order # SB-826. \$14.00**
The data in this report are also available on diskette. See page 12 for more information.

Farms Without Program Payments, by Robert D. Reinsel. 12 pp. August 1991.

About 1.4 million farms, two-thirds of all farms, operated without direct Federal farm program support in 1987 or 1988. These farms either did not produce the program commodities or did not participate in farm programs. These farms could, however, receive Government support through marketing orders, crop insurance subsidies, or other support mechanisms. **Order # AIB-630. \$4.00**



Agriculture, Trade, and the GATT: A Glossary of Terms, by Kathryn L. Lipton. 58 pp. June 1991.

This glossary is a practical guide to terms associated with the negotiations on the General Agreement on Tariffs and Trade. **Order # AIB-625. \$11.00**

Provisions of the Food, Agriculture, Conservation, and Trade Act of 1990, ed. by Susan L. Pollack and Lori Lynch. 168 pp. June 1991.

Summarizes major provisions of the Food, Agriculture, Conservation, and Trade Act of 1990, the framework for administering agricultural and food programs during 1991-95. The report includes all major commodity programs, such as income and price support, as well as programs on research, food stamps, rural development, forestry, crop insurance and disaster assistance, and credit. **Order # AIB-624. \$14.00**

U.S. Demand for Food: A Complete System of Quantity Effects on Prices, by Kuo S. Huang. 56 pp. July 1991.

Explores a large-scale U.S. demand system, providing empirical estimates based on

39 food categories and 1 non-food sector. The estimated demand system shows the interdependent nature of food price variations in response to quantity changes and gives practical information for food price forecasting. **Order # TB-1795. \$11.00**

Public Regulation of Agricultural Biotechnology Field Tests: Economic Implications of Alternative Approaches, by Bruce A. Larson and Mary K. Knudson. 19 pp. August 1991.

Examines four general types of regulatory approaches to limit public risk from field testing: a fixed-cost regulatory standard, a marginal-cost standard, a property rule (environmental bond), and a liability rule. All approaches are least effective for small and private firms in facilitating the research process while controlling public risks. **Order # TB-1793. \$8.00**

Capacity Utilization and Measurement of Agricultural Productivity, by James H. Hauver, Jet Yee, and V. Eldon Ball. 40 pp. August 1991.

Develops a theoretical model of capacity utilization and productivity measurement, estimated for 1949-87, for the U.S. farm sector. Finds that the failure to consider variations in capacity utilization can distort productivity measurement. **Order # TB-1798. \$8.00**

Assessment of Wastewater Treatment Facilities in Small Communities, by Barry Ryan. 19 pp. August 1991.

Examines the condition of wastewater treatment facilities in communities of no more than 10,000 people. Capital spending requirements for these systems were an estimated \$13.7 billion in 1988, and are expected to grow by \$4.4 billion over the next 20 years. Order # AGES 9140. \$8.00

Elasticities of Fertilizer Demands for Corn in the Short and the Long Run: A Cointegrated and Error-Correcting System, by Mark Denbaly and Harry Vroomen. 13 pp. August 1991.

Estimates a set of dynamic demand models for nitrogen, phosphate, and potash use in corn production, which accounts for nearly half of total U.S. fertilizer nutrient use. The results provide strong statistical evidence that nutrient demands for corn are price inelastic both in the short and the long run. Order # AGES 9137. \$4.00

Dairy Imports in Sub-Saharan Africa and the Welfare Implications of Import Policies, by Shahla Shapouri and Stacey Rosen. 69 pp. August 1991.

Examines the welfare effects of import policies and the factors affecting dairy imports in 39 countries in the region. During 1961-88, Sub-Saharan Africa's dairy imports increased nearly six-fold, an annual rate of 6.5 percent, causing concern

that such high imports cannot be sustained by such financially strapped countries. Order # AGES 9142. \$11.00

Approaches to Modeling Retail-Farm Price Spreads and Derived Demand Relationships for Food Commodities: A Selected, Annotated Bibliography, by Michael K. Wohlgenant and Richard C. Haidacher. 35 pp. July 1991.

Reviews 88 theoretical and empirical studies that focus on various aspects related to modeling the economic linkage between retail demand and farm-level demand for food commodities and related inputs. Order # AGES 9136. \$8.00

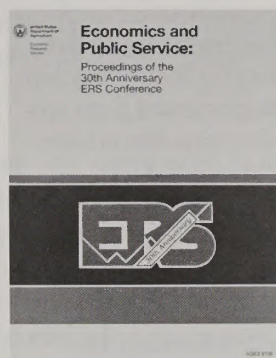
Farmland Ownership and Renting in the United States, 1987, by Olaf Kula and Denise Rogers. 12 pp. June 1991.

Summarizes information from the 1987 Census of Agriculture on owning and renting farmland. Also furnishes information on farms operated by females and blacks, types of farm operators who work off the farm, and concentration of farm corporations. Order # AGES 9130. \$8.00

Conservation and Environmental Issues in Agriculture: An Economic Evaluation of Policy Options, by David Ervin and others. 62 pp. July 1991.

Focuses on four environmental issues: reducing potentially adverse effects of agricultural chemicals on ground-water quality, improving surface-water

quality, restoring agricultural wetlands, and extending environmental benefits on selected Conservation Reserve Program (CRP) lands. Order # AGES 9134. \$11.00



Economics and Public Service: Proceedings of the 30th Anniversary ERS Conference. 170 pp. July 1991.

Contains the proceedings of ERS' 30th anniversary conference held April 4, 1991. Speakers included former Secretaries of Agriculture Orville Freeman and Richard Lyng. Order # AGES 9138. \$14.00

U.S. Imports of Fruits and Vegetables Under Plant Quarantine Regulations, Fiscal Year 1988, by Joan Pearrow. 51 pp. July 1991.

Summarizes imports of over 200 commodities by country of origin and port of entry from October 1, 1987, through September 30, 1988. Order # AGES 9135. \$8.00
The data in this report are also available on diskette. See page 12 for more information.

Potential Effects of Policy Reform on the European Community Sugar Market and World Sugar Prices, by Dale Leuck and Steve Neff. 24 pp. August 1991.

Examines two alternative EC sugar policy reforms. Simulations suggest that trading of production quotas within national borders, as may be possible under the EC-1992 initiative, would have reduced net EC sugar exports by 2.3 million metric tons and increased world sugar prices by 8 percent during 1982-86. Order # AGES 9129. \$8.00

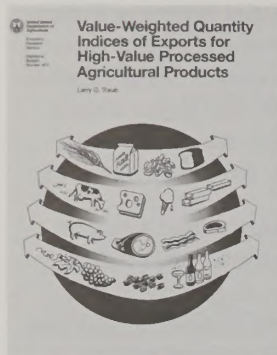
Agricultural Production Functions Estimated From Aggregate Inter-country Observations: A Selected Survey, by Michael Trueblood. 22 pp. June 1991.

Surveys 10 studies that test the meta-production function hypothesis, which states that intercountry agricultural production variation is partly explained by different levels of human capital. Order # AGES 9132. \$8.00

Effects of Fiscal Policy on Agriculture and the Rural Economy, by John Kitchen and David Orden. 24 pp. June 1991.

Explores preliminary ideas for addressing questions of fiscal policy effects on agriculture and the rural economy. Found little evidence of a relationship between deficits, interest rates, and exchange rates. Order # AGES 9131. \$8.00

More New Monographs from ERS



Value-Weighted Quantity Indices of Exports for High-Value Processed Agricultural Products, by Larry G. Traub. 368 pp. August 1991.

Finds that trade in high-value processed agricultural products doubled for the United States during 1961-86 and climbed throughout the rest of the world.
Order # SB-827. \$14.00

Computable General Equilibrium Modeling of Agricultural Policies: Documentation of the 30-Sector FPGE GAMS Model of the United States, by Maureen Kilkenny. 68 pp. June 1991.

Explains how U.S. agricultural policies are modeled in the Farm Policy in General Equilibrium, General Algebraic Modeling System, which features: (1) farm programs modeled explicitly rather than by using ad valorem equivalents; (2) how every dollar is spent, received, and accounted for under farm programs; and (3) the idea that farm households earn nonfarm income and nonfarm households own farmland.
Order # AGES 9125. \$11.00

Program Provisions for Rye, Dry Edible Beans, Oil Crops, Tobacco, Sugar, Honey, Wool, Mohair, Gum Naval Stores, and Dairy Products: A Database for 1961-90, by Robert C. Green. 55 pp. June 1991.

Summarizes the legislative authority for commodity support programs and gives program-provision data in tables for listed commodities.
Order # AGES 9128. \$11.00

Macroeconomic Impacts on Nonmetro Unemployment: Preliminary Research, by Karen S. Hamrick. 19 pp. August 1991.

Develops and discusses a model of the nonmetro unemployment rate, and analyzes regional sectors and county type within the nonmetro aggregate. Also analyzes the differing effect of changes in macroeconomic conditions on nonmetro areas, compared with metro areas.

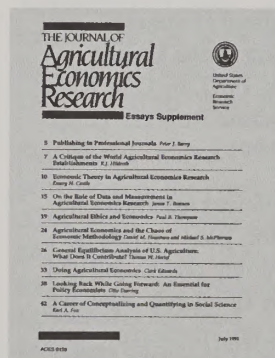
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The CPPA Model-Builder: Technical Structure and Programmed Options in Version 1.3, by Kim Hjort and Pierre Van Peteghem. 108 pp. August 1991.

Describes CPPA (Country Projections and Policy Analysis), a spreadsheet-based, program-driven system that facilitates the specification of price linkages and economic relationships in agricultural markets. The model-builder can accommodate 46 cross-linked commodity models, including grains, cotton, sugar, oilseeds, and other commodities.
Order # AGES 9144. \$11.00

Macroeconomic Shocks: Effects on the General Economy, Agricultural Prices, and Rural Unemployment, by John Kitchen and Elizabeth Mack. 29 pp. August 1991.

Features a structural, simultaneous equation model of quarterly frequency based on the Neoclassical-Keynesian Synthesis of macroeconomic theory. The model links agricultural and food prices to the rural unemployment rate and separates simulations to evaluate the effects of monetary policy, fiscal policy, the exchange rate, the price of crude oil, and drought.
Order # AGES 9143. \$8.00



The Journal of Agricultural Economics Research: Essays Supplement, ed. by Gene Wunderlich. 51 pp. July 1991.

This periodical supplement gathers JAER's essay series of 10 contributions under one cover. The essays provide 10 perspectives about purposes, mechanisms, and successes of agricultural economics.
Order # AGES 9139. \$8.00

Documentation of the Static World Policy Simulation (SWOPSIM) Modeling Framework, by Vernon Roningen, John Sullivan, and Praveen Dixit. 200 pp. September 1991.

Documents the static world policy simulation (SWOPSIM) model-building framework, including detailed appendices, listings of variable definitions and model equations, a listing of a SWOPSIM demonstration model, screens of computer tutorials on SWOPSIM model building, printouts of the computer programs making up the SWOPSIM framework, and SWOPSIM installation instructions.
Order # AGES 9151. \$14.00

A National Policy of No Net Loss of Wetlands: What Do Agricultural Economists Have to Contribute? ed. by Ralph E. Heimlich. 40 pp. August 1991.

This report is based on a 1990 symposium that addressed the potential for agricultural economists to contribute to the evolving wetlands policy. The President's no net loss program means both restoring wetlands and converting them to offset unavoidable losses. Conversion to farmland recently accounted for most wetlands losses.
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New Opportunities for Agriculture

USDA's Agriculture Outlook '92 Conference Set for December 3-5, 1991

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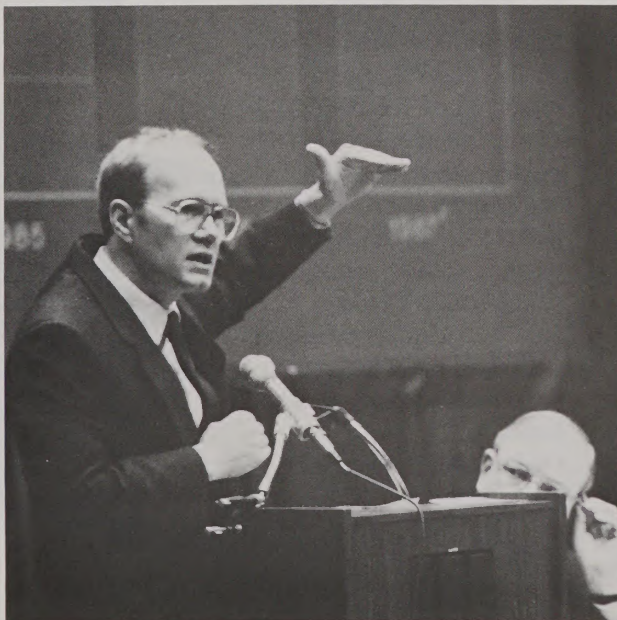
Agriculture Outlook '92, USDA's 68th annual outlook conference, provides the facts you need to plan for the year ahead. Speakers at this year's conference will offer vital farm and business forecasts plus valuable insights on the policies and news events that are shaping agriculture's prospects.

The conference program is loaded with information you won't want to miss. Leading analysts will debate every aspect of the farm and commodity outlook. Distinguished experts addressing the conference theme, *New Opportunities for Agriculture*, will discuss ways of turning the daunting problems confronting agriculture into solutions that will benefit farmers, consumers, and the environment. Top officials will explain the meaning of key regulatory and program changes, changing food labeling standards, and the sweeping changes in international trade rules.

To get details on attending the conference, or to order audio or video tapes, just call 202-447-3050, or write Outlook Conference, Room 5143-South, USDA, Washington, DC 20250-3900. Cost of the conference is \$45 per participant, and includes admission to all conference sessions, the Tuesday evening reception, and a copy of one of the conference publications. Call 202-447-3050 for details today.

Can't attend? Watch satellite television broadcasts from the conference on December 3 and 5, or order audio or video tapes (write the above address for more information).

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Foreign Agricultural Trade of the United States.

Updates the quantity and value of U.S. farm exports and imports, plus price trends. Concise articles analyze specific aspects of the export/import picture. Keeps readers abreast of how U.S. trade stacks up in a global market. 6 issues, plus 2 supplements.

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The Journal of Agricultural Economics Research. Technical research in agricultural economics, including econometric models and statistics focusing on methods employed and results of USDA economic research. Contains original articles and essays and book reviews of the most recent literature available to the discipline. 4 issues.

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Farmline. Practical, easy-to-understand economic information about U.S. and world agriculture. A popular—not technical—publication, it features many charts, graphs, photos, and data tables to supplement the articles. Focuses on causes and effects of changes in agriculture and rural America. 11 issues.

Order # FAR. 1 yr, \$12;
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Economic Indicators of the Farm Sector. Updates economic trends in U.S. agriculture. Explores the economic status of the farm sector and allows the reader to plan and forecast more accurately. Each issue explores a different aspect of the U.S. farm sector: income and expenses, national and State financial summaries, production and efficiency statistics, and costs of production for livestock and dairy and for major field crops. 5 issues.

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Agricultural Outlook. The main source for USDA's farm income and food price forecasts. Emphasizes the short-term outlook for all major areas of the agricultural economy. Also presents long-term analyses of such issues as U.S. agricultural policy, trade forecasts and export-market development, food safety and the environment, and farm financial institutions. Includes 25 pages of data on individual commodities, the general economy, U.S. farm trade, farm income, production expenses, input use, prices received and paid by farmers, per capita food consumption, and related issues. 11 issues.

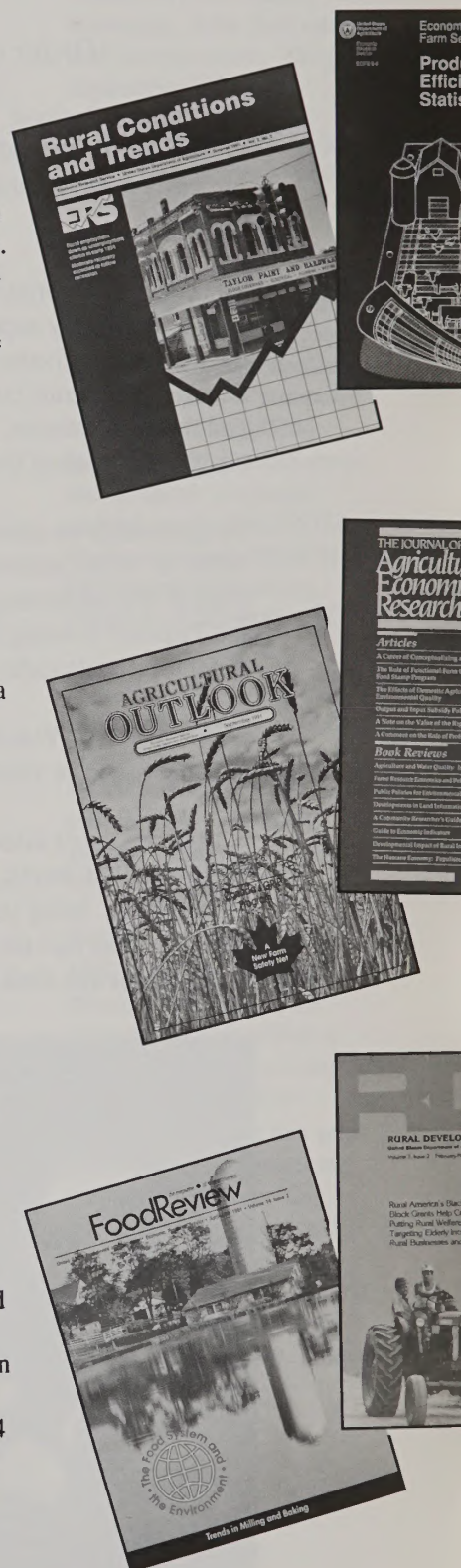
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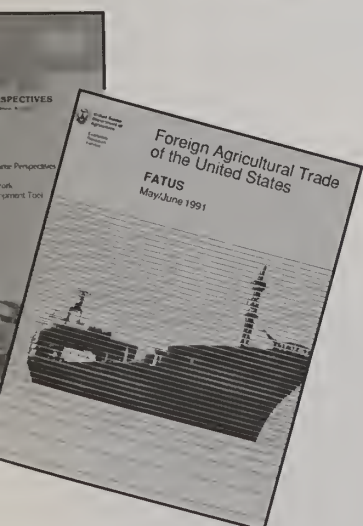
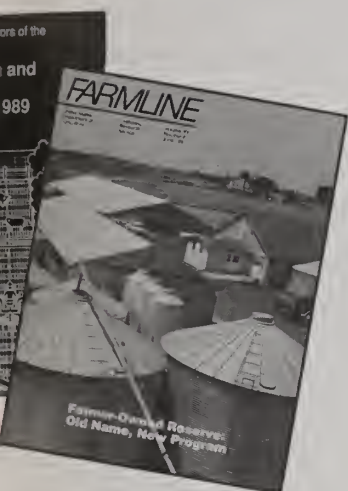
Rural Development Perspectives. Crisp, nontechnical articles on the results of new rural research and what those results mean. Shows the practical application of research in rural banking, aging, housing, the nonmetro labor force, poverty, and the effect of farm policies on rural areas. Besides its feature articles, each issue also brings you: Rural Indicators—geographical snapshots of trends affecting rural communities; Short Subjects—brief synopses of related readings and findings from a wide range of sources, all with a special smalltown slant; and Book Reviews—critical appraisals to keep you abreast of new thinking and theories on rural and smalltown topics. 3 issues.

Order # RDP. 1 yr, \$9;
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Food Review. Formerly *National Food Review.* Analyses and data on food consumption, food prices, export opportunities, product safety, nutrition, marketing, and processing technology for those who manage, monitor, or depend on the Nation's food system. Includes updates on USDA rulings and Federal legislation affecting food. 4 issues.

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World Agriculture.

Recently revised and expanded, *World Agriculture* contains articles dealing with worldwide developments in agricultural markets and trade, based on research underway in ERS or other institutions.

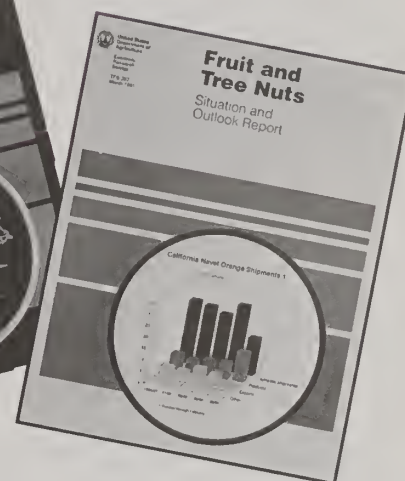
Updates current conditions and recent economic changes, highlights significant trends, and discusses market fundamentals in major markets, all emphasizing implications for global and U.S. agricultural trade. 4 issues.

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Track rural events on a variety of subjects in this new quarterly periodical: macroeconomic conditions, employment and underemployment, industrial structure, earnings and income, poverty, and population. Quick-read text and sharp graphics will help you get the information you need to know efficiently, effectively. 4 issues.

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Situation and Outlook Reports. These reports provide both current intelligence and historical data on national food and agricultural developments, and forecast the effects of changing conditions and policies on domestic and international agriculture. Titles include:

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U.S. Agricultural Trade Update (12)	FAU	\$15	\$29	\$42
Vegetables and Specialties (3)	VGS	\$12	\$23	\$33
Wheat (4)	WHS	\$12	\$23	\$33

USSR Publications and Electronic Data Products

Agricultural Statistics of Eastern Europe and the Soviet Union, 1965-85, by Nancy J. Cochrane. 129 pp. July 1989.

Contains 110 tables with data on land use, farm structure, population, farm machinery, crop and live-stock production, and more.
Order # SB-778. \$8.00

USSR Agricultural Trade, by Kathryn A. Zeimetz. 110 pp. August 1991.

Provides an overview of factors affecting Soviet agricultural trade, emphasizing grain and soybean trade. About 95 percent of U.S. agricultural exports and 70 percent of total U.S. exports to the USSR have been grains and oilseeds.
Order # SB-808. \$11.00

Efficiency and Growth in Agriculture: A Comparative Study of the Soviet Union, United States, Canada, and Finland, by Robert B. Koopman. 48 pp. October 1989.

Shows that the slow pace of technological innovation is the main reason for slow Soviet growth.
Order # AGES 8954. \$5.50

Government Intervention in Soviet Agriculture: Estimates of Consumer and Producer Subsidy Equivalents, by Edward C. Cook, William M. Liefert, and Robert Koopman. 38 pp. August 1991.

This study represents the first known application of the concept of PSE's and CSE's to the USSR. It analyzes the size of Soviet Government support programs in agriculture and the food economy. USSR producers are heavily subsidized at above-world-market levels, while consumer products are underpriced.
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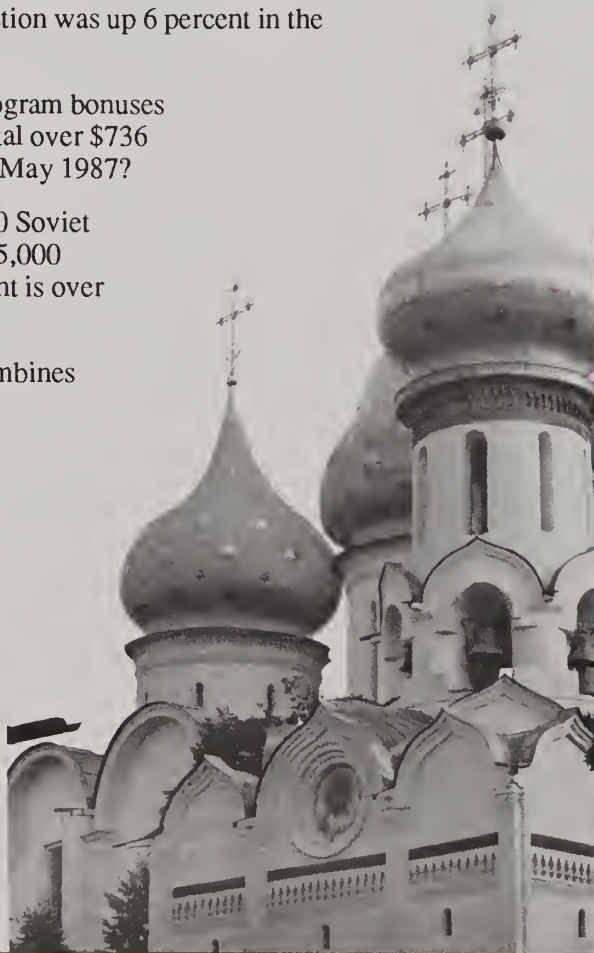
USSR Agriculture and Trade Report. Published annually; latest issue, May 1991.

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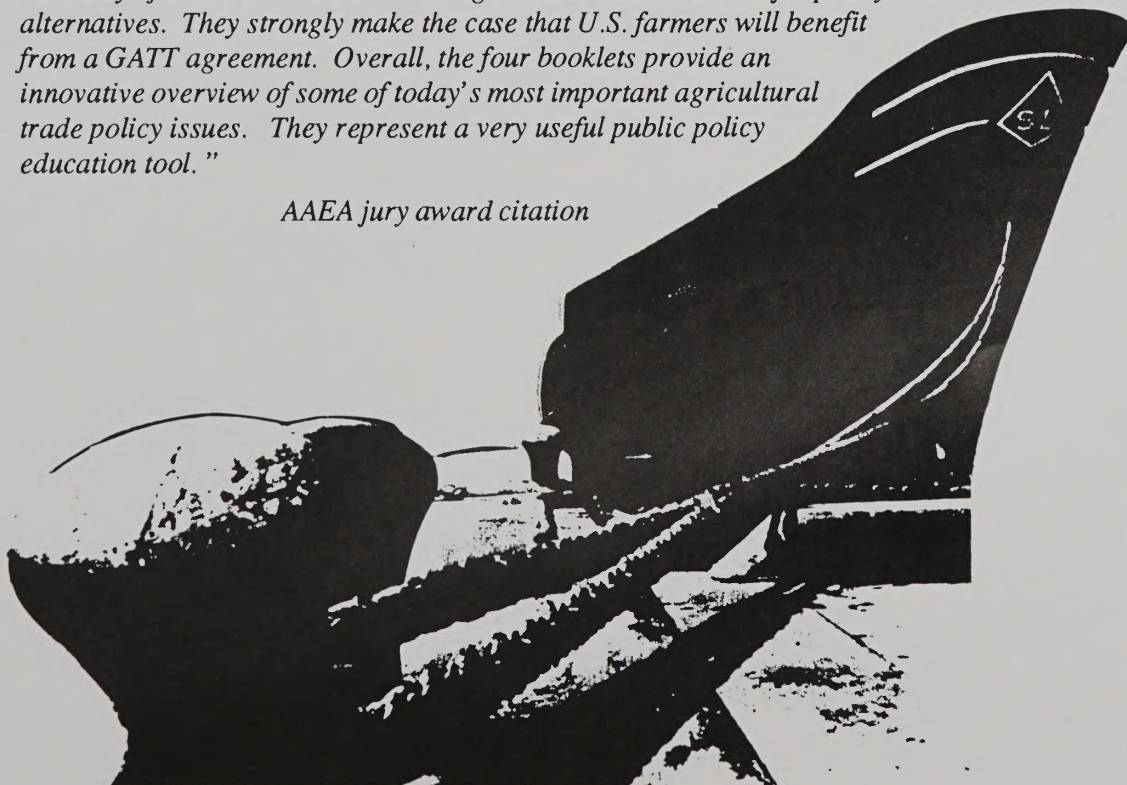
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